

LyondellBasell Hostacomâ„¢ CB267 Thermoplastic Polyolefin Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Olefinic Elastomer (TPO) , Polyolefin

Material Notes:

Description: Hostacomâ„¢ CB267 medium melt flow, 1,600 MPa flexural modulus thermoplastic elastomeric olefin (TEO) resin has an excellent balance of scratch and mar resistance, rigidity and impact resistance. It was designed primarily for molded-in color automotive instrument panel applications. Uses: Automotive interior parts
Information provided by Basell.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LyondellBasell-Hostacom-CB267-Thermoplastic-Polyolefin-Elastomer.php

Physical Properties	Metric	English	Comments
Density	0.930 g/cc	0.0336 lb/in ³	ISO 1183
Melt Flow	9.0 g/10 min @Load 2.16 kg, Temperature 230 Â°C	9.0 g/10 min @Load 4.76 lb, Temperature 446 Â°F	Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	95	95	ISO 2039-2
Hardness, Shore D	64	64	ISO 868
Tensile Strength, Yield	33.0 MPa	4790 psi	ISO 527-1, -2
Elongation at Break	100 %	100 %	ISO 527-1, -2
Flexural Modulus	1.60 GPa	232 ksi	ISO 178
Izod Impact, Notched (ISO)	4.50 kJ/m ² @Temperature -40.0 Â°C	2.14 ft-lb/in ² @Temperature -40.0 Â°F	ISO 180
	15.0 kJ/m ² @Temperature 10.0 Â°C	7.14 ft-lb/in ² @Temperature 50.0 Â°F	ISO 180
	40.0 kJ/m ² @Temperature 23.0 Â°C	19.0 ft-lb/in ² @Temperature 73.4 Â°F	ISO 180

Thermal Properties	Metric	English	Comments
CTE, linear	57.0 Âµm/m-Â°C @Temperature -30.0 - 100 Â°C	31.7 Âµin/in-Â°F @Temperature -22.0 - 212 Â°F	ASTM D696
Deflection Temperature at 0.46 MPa	105 Â°C	221 Â°F	

(56 psi) Thermal Properties	Metric	English	Unannealed; ISO 75B-1, -2 Comments
Deflection Temperature at 1.8 MPa (264 psi)	51.1 Â°C	124 Â°F	Unannealed; ISO 75A-1, -2
Shrinkage	1.3 %	1.3 %	Tool, 100x150x3.2 mm; Basell Test Method

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